

FIGURE 1

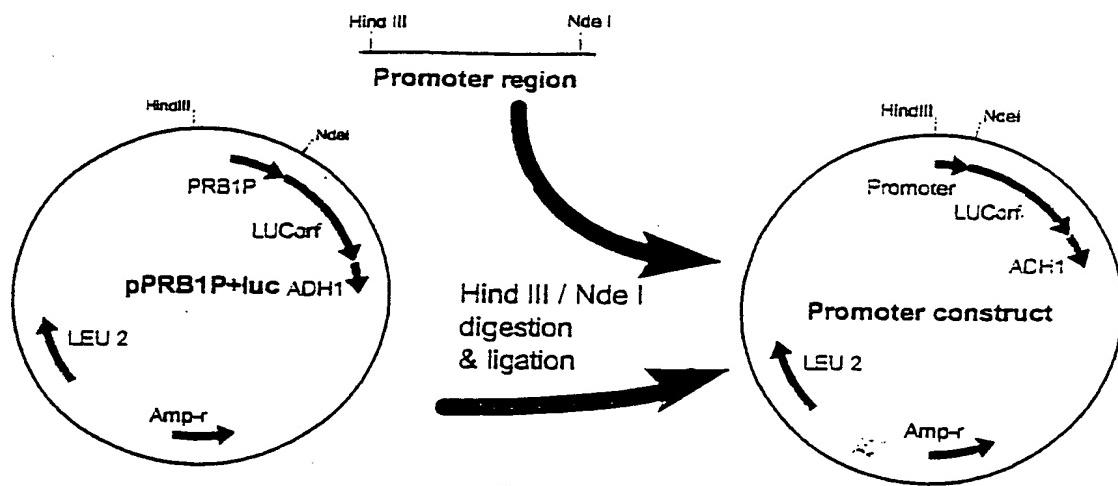


FIGURE 2

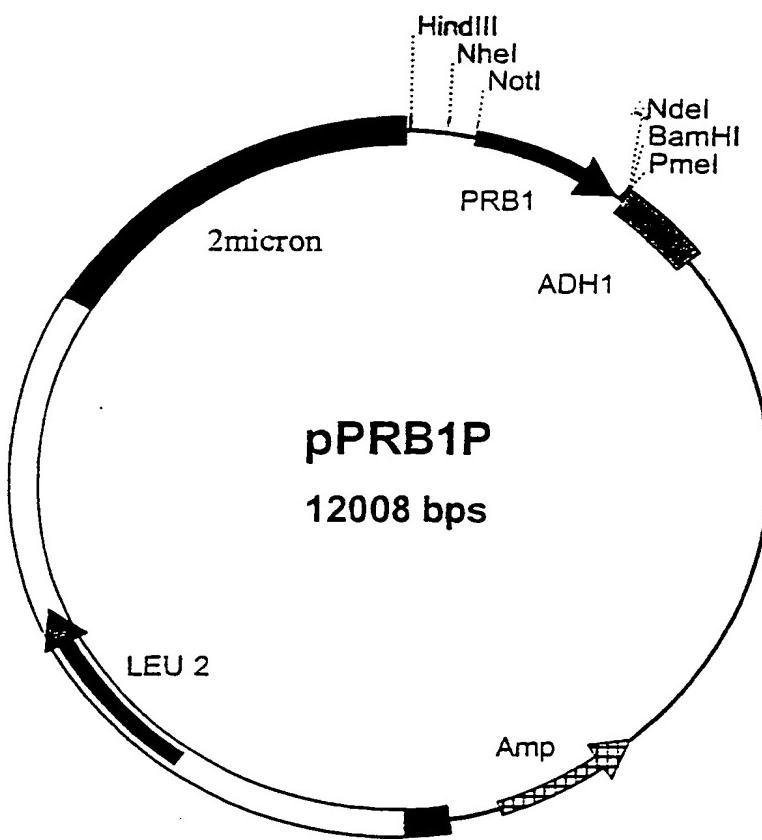


FIGURE 3

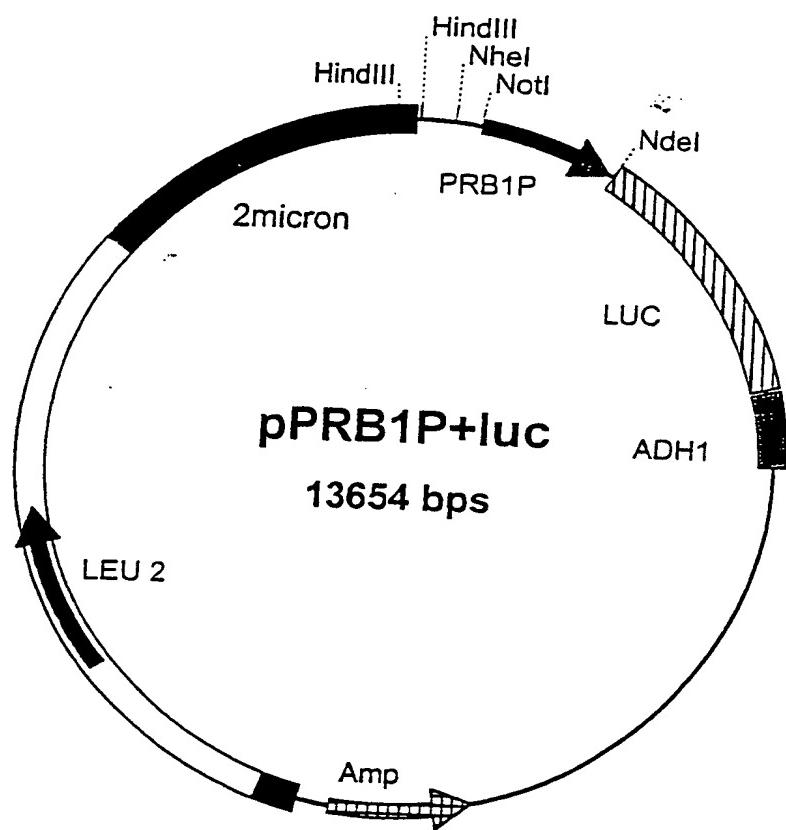


FIGURE 4

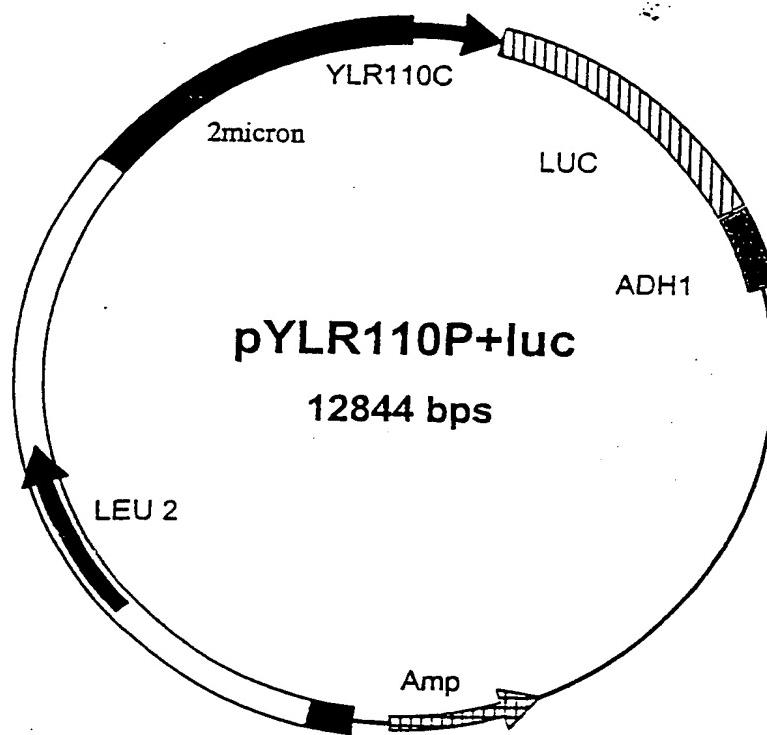


FIGURE 5

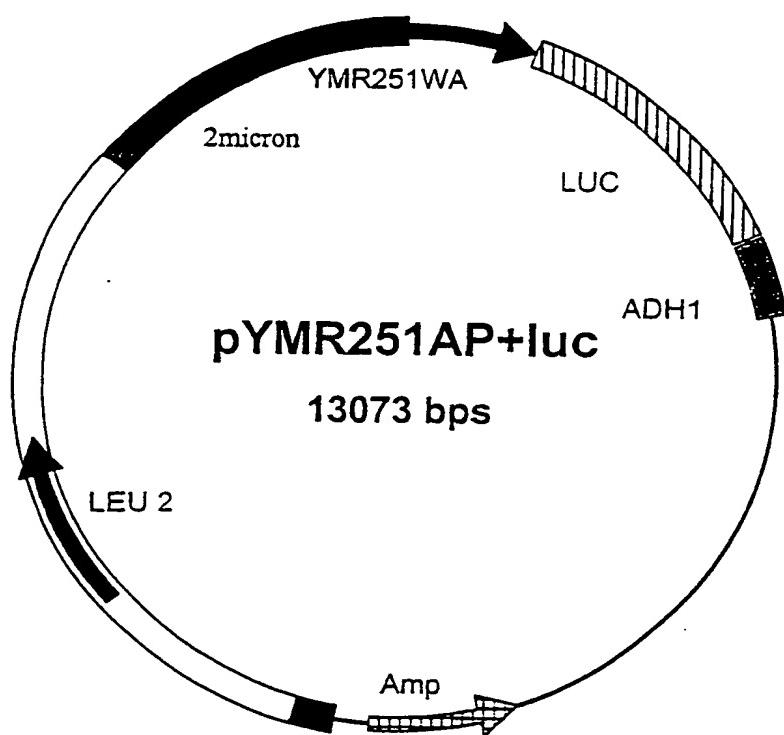


FIGURE 6

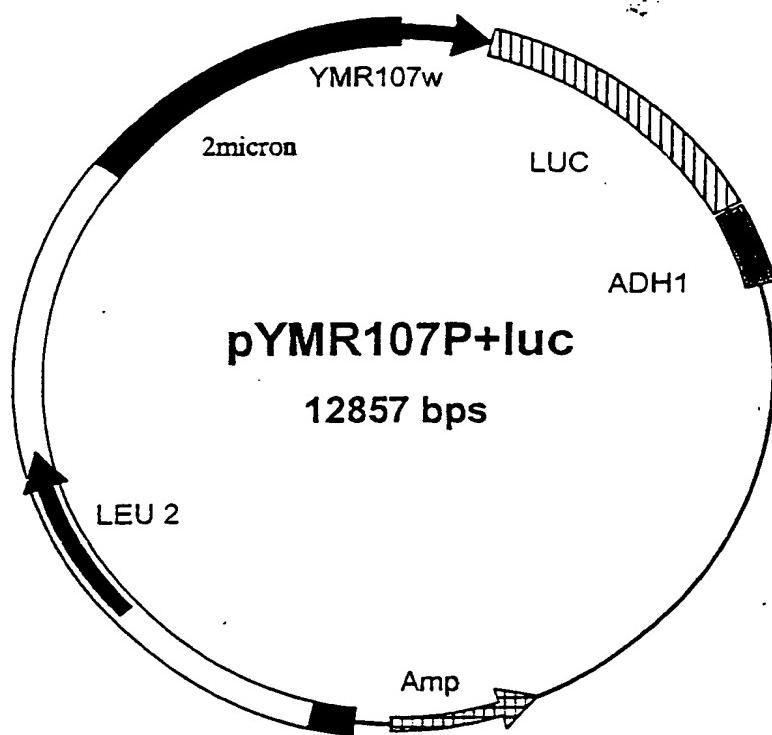


FIGURE 7

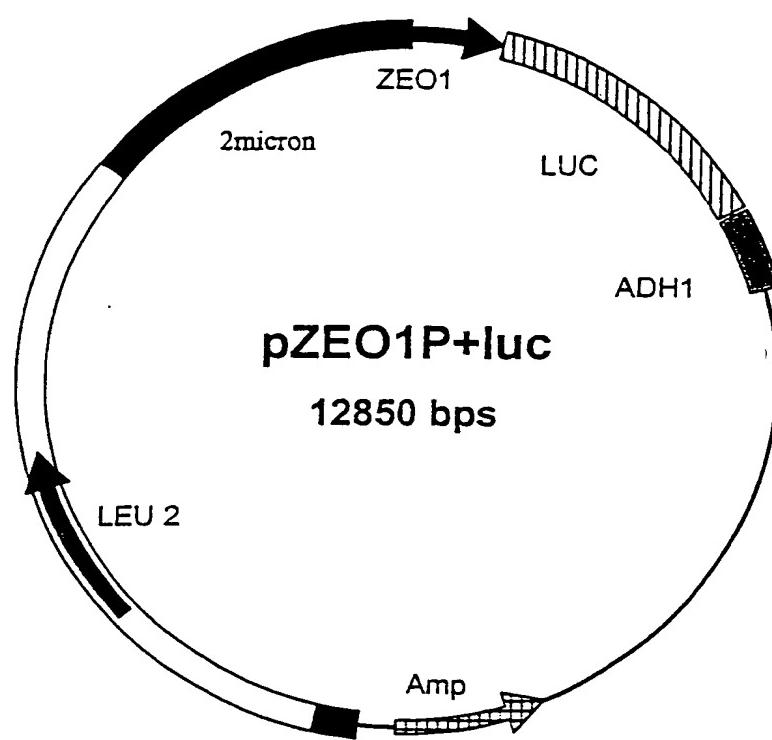


FIGURE 8

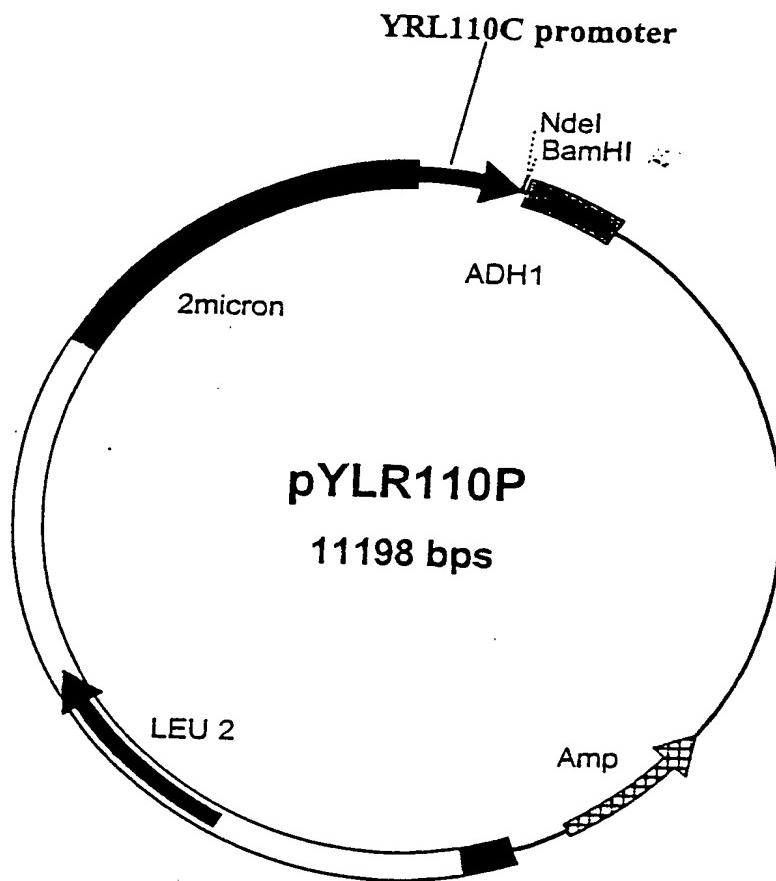


FIGURE 9

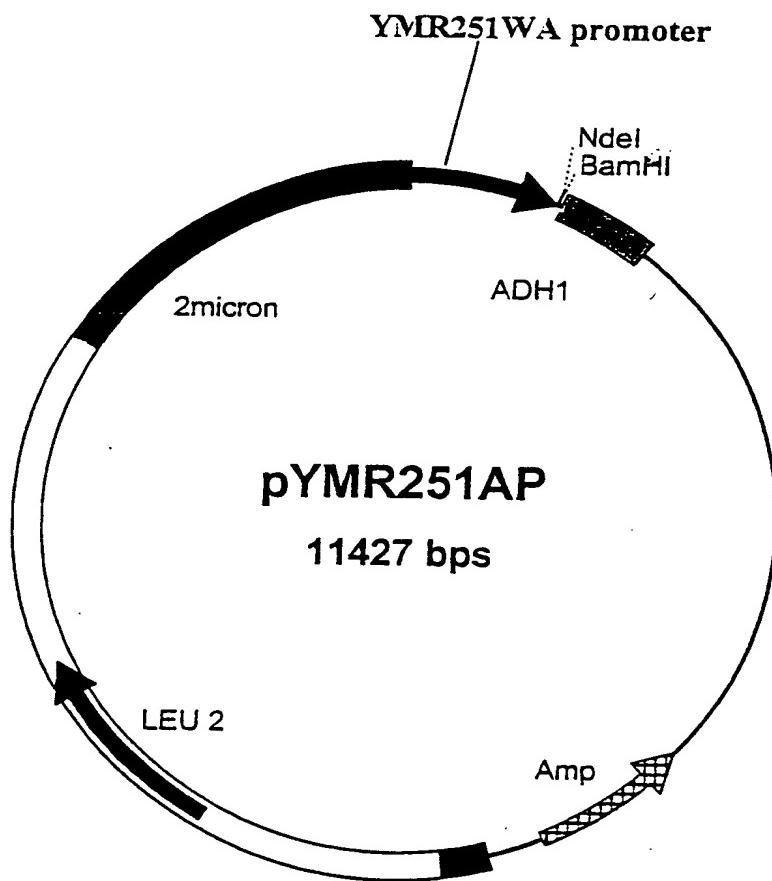


FIGURE 10

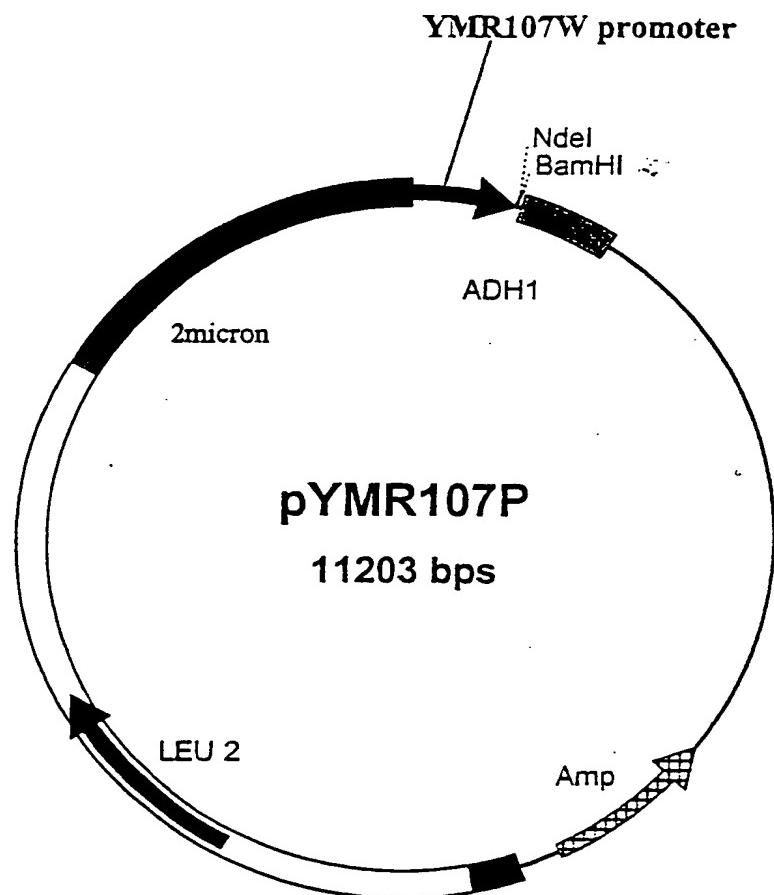


FIGURE 11

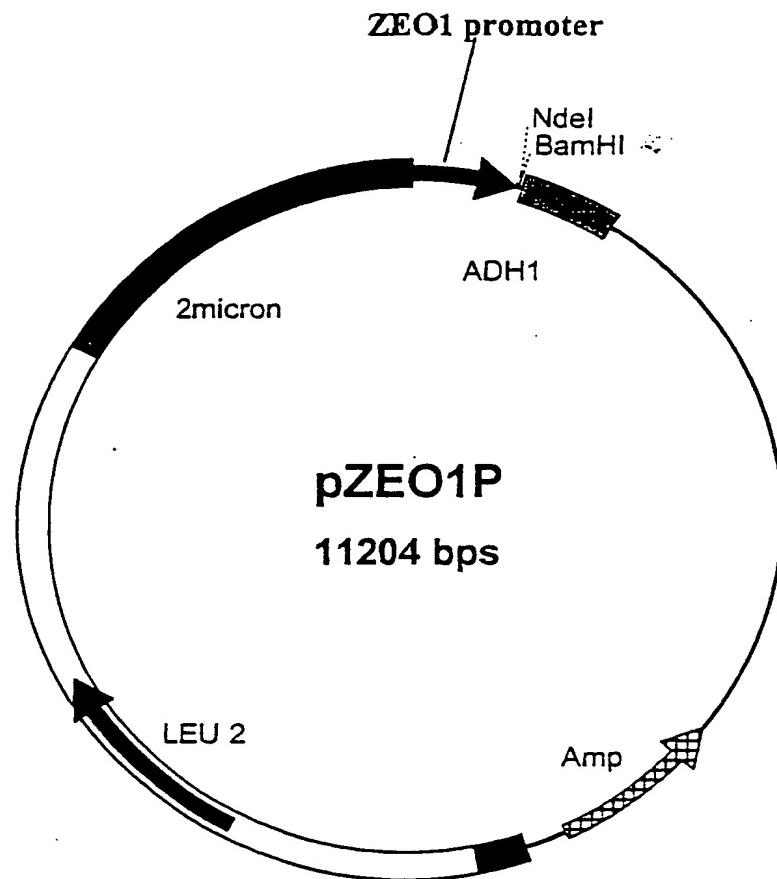


FIGURE 12

Figure 13 YLR110C promoter region (SEQ ID NO:29)
Sequence shown: Chr XII 370650 to 370051 (reverse orientation)

1 AGAACCAAT GGGAAAATCG GAATGGGTCC AGAACTGCTT TGAGTGCTGG
TCTTGGTTTA CCCTTTAGC CTTACCCAGG TCTTGACGAA ACTCACGACC
 ATGCAAGCTTCGGCCGC YLR-F
 51 CTATTGGCGT CTGATTTCGG TTTTGGGAAT CCTTTGCCGC GCGCCCCCTCT
GATAACCGCA GACTAAAGGC AAAACCCTTA GGAAACGGCG CGCGGGGAGA
 101 CAAAACTCCG CACAAGTCCC AGAAAGCGGG AAAGAAATTA AACGCCACCA
GTTTGAGGC GTGTTCAAGGG TCTTCGCCCTT TTTCTTATT TTGCGGTGGT
 151 AAAAAAAAGCC AATCCTCGAA GCGTGGGTGG TAGGCCCTGG
TTTTTTTTTT TTATTTTCGG TTAGGAGCTT CGCACCCACC ATCSEGGACC
 201 ATTATCCCCT ACAAGTATTCTCAGGAGTA AAAAACCGT TTGTTTTGGAA
TAATAGGGCA TGTTCATAAA GAGTCCTCAT TTTTTGGCA AACAAAACCT
 251 ATTCCCCATT TCGCGGCCAC CTACGCCGT ATCTTGCAA CAACTATCTG
TAAGGGTAA AGCGCCGGTG GATCGGGCGA TAGAAACGTT GTTGATAGAC
 301 CGATAACTCA GCAAATTITG CATATTCTG TTGCAGTATT GCGATAATGG
GCTATTGAGT CGTTTAAAC GTATAAGCAC AACGTATAAA CGCTATTACC
 351 GAGTCTTACT TCCAACATAA CGGCAGAAAG AAATGTGAGA AAATTTGCA
CTCAGAATGA AGGTTGTATT GCCGTCTTTC TTTACACTCT TTTAAAACGT
 401 TCCTTTGCCT CGTTCAAGT ATATAAAGTC GGCATGCTTG ATAATCTTC
AGGAAACGGA GGCAAGTTCA TATATTTCAG CGTACGAAAC TATTAGAAAG
 451 TTTCCATCCT ACATTGTTCT AATTATTCTT ATTCTCCTTT ATTCTTTGCCT
AAAGGTAGGA TGTAACAAGA TTAATAAGAA TAAGAGGAAA TAAGAAAGGA
 501 AACATACCAA GAAATTAATC TTCTGTCATT CGCTTAAACA CTATATCAAT
TTGTATGGTT CTTTAATTAG AAGACAGTA GCGAATTGT GATATACTT
 551 AATGCAATTCTCTACTGTCG CTTCTATCGC CGCTGTCGCC GCTGTCGCTT
TTACGTTAAA AGATGACAGC GAAGATAGCG GCGACAGCGG CGACAGCGAA
 A CGGGACC

YLR111W ORF = Underline

YLR110C ORF = Bold

YLR-F = SEQ ID NO:5

YLR-R = SEQ ID NO:6

Figure 14 YMR251WA promoter region (SEQ ID NO:30)

Sequence shown: CER XIII 773951 TO 774800

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1      GCCACGGGTC AACCCGATTG GGATCACCCC ACTGGGGCCC AAGCCTGATA
      CGGTGCCAG TTGGCTAAC CCTAGTGGGG TGACCCCCGG TTCGGACTAT
      AGCTAAGCTTCGCGGGCCGC YMR -F
51      TCCGACCTCC ATGAAATTTC TTTTTTCTT TCGATTAGCA CGCACACACA
      AGGCTGGAGG TACTTTAAAA AAAAAGAA AGCTAATCGT GCCTGTGTGT

101     TCACATAGAC TGCGTCATAA AAATACACTA CGGAAAAACC ATAAAGAGCA
      AGTGTATCTG ACGCAGTATT TTTATGTGAT GCCTTTTGG TATTTCCTCGT

151     AAGCGATACC TACTTGGAAAG GAAAAGGAGC ACGCTTGTA GGGGGATGGG
      TTCGCTATGG ATGAACCTTC CTTTCTCG TGCGAACATT CCCCTACCC

201     GGCTAAGAAG TCATTCACTT TCTTTCCCT TCGCGGTCCG GACCCGGGAC
      CCGATTCTTC AGTAAGTGAA AGAAAAGGGA AGCGCCAGGC CTGGGCCCTG

251     CCCTCCCTTC CCCGCACGAT TTCTTCCTT CATACTTCC TTTTATTCC
      GGGAGGAGAG GGGCGTGCTA AAGAAGGAA GTATAGAAGG AAAATAAGGA

301     ATCCC GTTGA AGCAACCGCA CTATGACTAA ATGGTGCTGG ACATCTCCAT
      TAGGGCAACT TCGTTGGCGT GATACTGATT TACCA CGAACCTG TGAGAGGTA

351     GGCTGTGACT TGTGTGTATC TCACAGTGGT AACGGCACCG TGGCTCGGAA
      CCGACACTGA ACACACATAG AGTGTACCCA TTGCCGTGGC ACCGAGCCTT

401     ACGGTTCCCTT CGTGACAATT CTAGAACAGG GGCTACAGTC TCGATAATAG
      TGCCAAGGAA GCACTGTTAA GATCTTGTCC CCGATGTCAG AGCTATTATC

451     AATAATAAGC GCATTTTGCG TAGCGCCGCC GCGGCGCCCG TTTCCCAATA
      TTATTATTCTG CGTAAAACAG ATCGCGGCCG CGCCCGGGGC AAAGGGTTAT

501     GGGAGGCGCA GTTTATCGGC GGAGCTCTAC TTCTTCCTAT TTGGGTAAGC
      CCCTCCCGT CAAATAGCGG CCTCGAGATG AAGAAGGATA AACCCATTCTG

551     CCCTTTCTGT TTTCGGCCAG TGGTTGCTGC AGGCTGCGCC GGAGAACATA
      GGGAAAGACA AAACCGGTC ACCAACGACG TCCGACGCCG CCTCTTGTAT

601     GTGATAAGGG ATGTAACCTT CGATGAGAGA ATTAGCAAGC GGAAAAAAAC
      CACTATTCCC TACATTGAAA GCTACTCTCT TAATCGTTG CCTTTTTTG

651     TATGGCTAGC TGGGAGTTGT TTTTCAATCA TATAAAAGGG AGAAATTGTT
      ATACCGATCG ACCCTCAACA AAAAGTTAGT ATATTTCCTC TCTTTAACAA

701     GCTCACTATG TGACAGTTTC TGGGACGTCT TAACTTTAT TGCAGAGGAC
      CGAGTGATAC ACTGTCAAAG ACCCTGCAGA ATTGAAAATA ACGTCTCCTG

751     TATCAAATCA TACAGATATT GTCAAAAAAA AAAAGACTA ATAATAAAAAA
      ATAGTTTAGT ATGTCTATAA CAGTTTTTT TTTTTCTGAT TATTATTCTG
      ← YMR-R G A
801     ATGAAGTTAT CTCAAGTTGT TGTTCGGCC GTCGCCTTCA CTGGTTTAGT
      TACTTCATA GAGTTCAACA ACAAGGGCGG CAGCGGAAGT GACCAAATCA
      C

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YMR251W ORF = Underline

YMR251WA ORF = Bold

YMR-F = SEQ ID NO:7

YMR-R = SEQ ID NO:8

Figure 15 YMR107W PROMOTER REGION (SEQ ID NO:31)

Sequence shown: CHR XIII 482463 TO 483063

1 AAAGAATCCA TCACTATTG AAAAAAAAGTC ATCTGGCAGC TTTAATTATC
YMR107-F
AGCTAAGCTTCGCGGCCGC

51 AGAGCAGAAA TGATGAAGGG TGTTAGCGCC GTCCACTGAT GTGCCTGGTA

101 GTCATGATTT ACGTATAACT AACACATCAT GAGGACGGCG GCGTCACCCC

151 AACGCAAAAG AGTGACTTCC CTGCCTTTG CCAAACCCC ATACATCGCC

201 ATCTGGCTCC TGGCAGGGCG GTTGATGGAC ATCAGCCGCC TCCCTTAATT

251 GCTAAAGCCT CCACAAGGCA CAATTAAGCA ATATTTCGGG AAAGTACACC

301 AGTCAGTTG CGCTTTATG ACTGGGTTCT AAGGTACTAG ATGTGAAGTA

351 GTGGTGACAG AATCAGGGAG ATAAGAGGGA GCGGGTGGG GTAATGATGT

401 GCGATAACAA TCTTGCTTGG CTAATCACCC CCATATCTTG TAGTGAGTAT

451 ATAAATAGGA GCCTCCCTTC CTATTGCAAC TCCATAAAAT TTTTTTTTGT

MODIFICATION AT

501 AGCCACTTCT GTAAACAAGAT AAATAAAACC AACTATCGA GATATCAAT
GATTAGCT CTATAGTGTA

551 ATGGGTAGTT TTTGGGACGC ATTCGCAGTA TACGGACAGA AAAAGCACGC
TACCCTACCTA YMR107-R

YMR107W ORF = Bold
 YMR107-F = SEQ ID NO:9
 YMR107-R = SEQ ID NO:10

Figure 16 ZEO1 PROMOTER REGION (SEQ ID NO:32)

Sequence shown: CER XV 109746 TO 110346

YOL110W ORF = Underline
ZEO1 (YOL109W) ORF = Bold
ZEO1-F = SEQ ID NO:11
ZEO1-R = SEQ ID NO:12